

Amendments to the Claims:

This listing of claims replaces all prior versions, and listings, of claims in this application.

Listing of Claims:

1. (Currently Amended) A user interface display apparatus, comprising:

an image module unit for providing ~~dealing with predefined~~ image patterns;

a texture pattern unit for providing texture patterns ~~to mix with the said predefined image pattern to fancy the user interface display;~~

a display code-buffer unit for arranging the pattern codes which are associated with the image patterns and texture patterns to be displayed on a ~~the~~ user interface display window; and

a mixer unit for mixing the image patterns and the texture patterns ~~patterns from said image module unit and texture pattern unit~~, and output a ~~the~~ mixed signal;

wherein the mixer unit uses an alpha blending method, where $\text{output} = (\text{pattern from said image module unit}) \times \alpha + (\text{pattern from said texture pattern unit}) \times (1 - \alpha)$, and wherein the parameter alpha is a real number between 0 and 1.
2. (Currently Amended) The A user interface display apparatus of Claim 1, further comprising an outline shape index generator for providing the mixing index information to define the outline shape.
3. (Currently Amended) The A user interface display apparatus of Claim 1, wherein the predefined image pattern could be any combination of dot pixel.
4. (Currently Amended) The A user interface display apparatus of Claim 1, wherein the

texture patterns can be defined by end-user.

5. -7. (Canceled).

8. (Currently Amended) The A user interface display apparatus of Claim 2, wherein the outline shape index generator further comprising sub-window define function.

9. (Currently Amended) The A user interface display apparatus of Claim 2, wherein the outline shape index generator further using alpha index for image pattern.

10. (Currently Amended) The A user interface display apparatus of Claim 2, wherein the outline shape index generator further using color key method for image pattern.

11. (Currently Amended) A user interface display apparatus, combined with an traditional on screen display and overlap the output signal, comprising:

an image module unit for providing ~~dealing with predefined~~ image patterns;

a texture pattern unit for providing texture patterns ~~to mix with the said predefined image pattern to fancy the user interface display;~~

a display code-buffer unit for arranging ~~the~~ pattern codes which are associated with the image patterns and texture patterns to be displayed on a ~~the~~ user interface display window; and

a mixer unit for mixing the image patterns and the texture patterns ~~from said image module unit and texture pattern unit~~, and output a ~~the~~ mixed signal;

wherein the mixer unit uses an alpha blending method, where output = (pattern from said image module unit) x alpha + (pattern from said texture pattern unit) x (1-alpha), and wherein the

parameter alpha is a real number between 0 and 1.

12. (Currently Amended) The A user interface display apparatus of Claim 11, further comprising an outline shape index generator for providing the mixing index information to define the outline shape.